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Appendixes of "Tephrochronology and Paleogeography of the Plio-Pleistocene in the Eastern Setouchi Geologic Province, Southwest Japan"

By

Takuo YOKOYAMA*

The following items should be supplemented to the previous paper entitled above and reported in this Memoirs, Vol. XXXVI, No. 1, 1969.

(1) *Hacchoike* II volcanic ash layer (p. 28) and *Yamada* II volcanic ash layer (p. 29) were firstly named *Hacchoike* tuff and *Yamada* tuff by ITIHARA in 1955, and later each one more ash layer (I) was added by YOKOYAMA and KUSUKI (1969), respectively.

(2) *Hozoin* volcanic ash layer (p. 40) was firstly named by TAKAYA (1963), and later subdivided into two, I and II, by YOKOYAMA *et al.* (1968).

(3) Refractive indexes of glass flakes of the Kobiwako (p. 31-42) and the Age (Table 5, p. 43) groups were measured by Mr. M. KUSUKI of Doshisha High School, to whom the writer is much obliged for his cooperation through the study. The members of Research Group of the Osaka Group, especially, Prof. T. KAMEI and Mr. Y. NAKAGAWA gave him encouragement and helpful suggestions. The present study must have not been accomplished without the kind help of the members of the Kaigake Research Group. Acknowledgements are also due to these persons.

(4) The following sentences are added to the captions of each figure:

Fig. 1. (modified from Southwest Japan Quaternary Research Group, 1968) Figs. 3 and 4. (ISHIDA and YOKOYAMA, 1969) Fig. 22. (columns of stage and lithofacies are added to the figure of ISHIDA *et al.*, 1969)

(5) The following literatures are added to references:

ISHIDA, S. (1965): The Existence of the fossil Crocodile in Japan. *Shizen*, No. 8, pp. 17-27.

KAIGAKE RESEARCH GROUP (1967): The Report of the Survey of Kobiwako Group in Kaigake Region. *Soken-Renrakushi of Osaka Group*, No. 2, pp. 30-32.

KAIGAKE RESEARCH GROUP (1969): Stratigraphy of the Kobiwako Group in Kaigake and Komazuki Regions. *Soken-Renrakushi of Osaka Group*, No. 4, pp. 40-41.

* Laboratory of Earth Science, Doshisha University, Kyoto.

- KATO, Y. and T. KUWABARA (1967): Tertiary and Quaternary Systems in Nagoya City. *Guide Book of Excursion of the 74th Geol. Soc. Japan*.
- KOIKE, K. and I. MURAI (1950): Fundamental Study of Tuffs in Southern Kantô (Part I) — On Tephrozone — *Rep. Nat. Sci. Tokyo Univ.*, No. 5, pp. 22–26.
- MOMOSE, K., K. KOBAYASHI, K. MINAGAWA and M. MACHIDA (1967): Magnetic properties of ferromagnetic minerals of pumice in tephra I. *Ann. Prog. Rep. Paleogeophy. Res. Japan*, pp. 144–147.
- NAKAGAWA, Y. (1969): The Osaka Group in the Northern Piedmont Hills of Ikoma Ranges. *Master Thesis of Kyoto Univ.* (MS).
- NAKANISHI, A., Y. NAKAGAWA and T. YOKOYAMA (1969): Marine Facies and Diatom Flora in the Horizon of Yellow Volcanic Ash Layer of the Osaka Group, Plio-Pleistocene in Central Japan. *Japan Quat. Res.* **8**, No. 4, pp. 131–136.
- NISHIYAMA RESEARCH GROUP (1969): Horizon of the Kobiwako Group at the Westside of the Seta River in Ootsu City. *Soken-Renrakushi of Osaka Group*, No. 4, pp. 35–38.
- QUATERNARY RESEARCH GROUP of Southwest Japan (1968): Quaternary Crustal Movements in Southwest Japan. *Mem. Geol. Soc. Japan*. No. 2, pp. 39–42.

Errata

page	line	read	for
19	head line	Series	Series
24	19*	KOIKE and MURAI (1950)	KOIKE (1956)
42	3*	1959	1965
46	17	<i>Myrica rubrica</i>	<i>Mirica rubra</i>
46	18	<i>Cinnamomum</i>	<i>Cinnamomm</i>
46	19	<i>compressa</i>	<i>comoreasa</i>
46	27	1964	1965
46	34	1968	1966
47	9	1958	1961
47	10	1961	1964
47	11	1967	1967, 1968
47	13	1967	1968, MS
47	14	1967	1966
61	caption of Table 9	1969, unpublished	1969
80	5*	1956	1955
caption of Fig. 22		Shinkori	Shikori

(* from the bottom line)